

Human Protein S100-A16 ELISA Kit | S100A16 elisa kit

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CATALOG #
AAA100842

REACTIVITY
Human

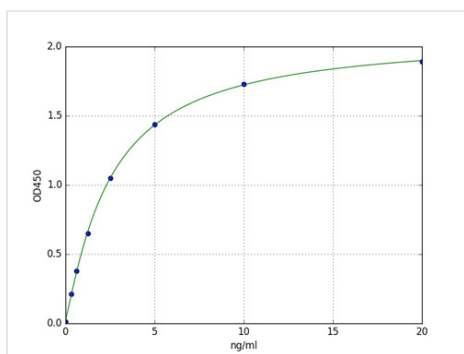
PRODUCT SYNONYMS

Protein S100-A16; Human Protein S100-A16 ELISA Kit; S100A16/AAG13/DT1P1A7/S100F/Aging-associated gene 13 protein/ protein S100-A16/Protein S100-F/S100 calcium binding protein A16/S100FS100 calcium-binding protein A16; S100A16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	103
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human S100A16 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.020	0.137	0.235	0.447	0.791	1.342	1.947	2.563

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A16 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human S100A16 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human S100A16 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human S100A16 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human S100A16 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17933772
NCBI GeneID	140576
NCBI Accession #	NP_525127.1
NCBI GenBank Nucleotide #	NM_080388.2
Molecular Weight	11,801 Da
NCBI Official Full Name	protein S100-A16
NCBI Official Synonym Full Names	S100 calcium binding protein A16
NCBI Official Symbol	S100A16
NCBI Official Synonym Symbols	AAG13; S100F; DT1P1A7
NCBI Protein Information	protein S100-A16
UniProt Protein Name	Protein S100-A16
UniProt Gene Name	S100A16
UniProt Synonym Gene Names	S100F
UniProt Entry Name	S10AG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s100a16-human-elisa-kits/protein-s100-a16/100842>